

# Deogum 294

## Special Processing Additives

### Description

Deogum 294 facilitates the processing of special elastomers as FKM, HNBR, ACM or ECO. Flow properties and mould-filling are improved by reduced Mooney viscosity. Deogum 294 eases the mould release and provides a smooth surface. The Organosiloxan component in Deogum 294 is compatible with the elastomer and provides flow and release properties without the difficulties of a conventional silicone oil or silicone based additive.

### Composition

Organosiloxan compound combined with organic lubricants

### Application

Deogum 294 is added at the appropriate dosage into the internal mixer together with the filler. The use in EPDM is also proven to be advantage. Blooming has not occurred so far.

### Dosage

0,5 – 3,0 phr

### Typical physical properties

		Unit
Colour	Dark yellow – light brown pellets	/
Dropping point, Mettler device	99 – 109	°C
Density, at 20°C	0,98	g/cm <sup>3</sup>

### Benefits

Primarily used for FKM.  
Improved release and flow behavior  
No impeding influence of the organosiloxane on following processes.

### Associated products

Deogum 80  
Deogum 194  
Deogum 400  
Deogum 384  
Deogum 379

### Storage

In originally sealed package in cool and dry places.  
Storage stability: min. 24 months.

### Supply Form

20 kg in cardboard boxes with PE-bags

### German Food Legislation (BfR recommendation XXI)

Not approved.

### US Code of Federal Regulations, FDA – CFR Title 21, 177.2600

Not listed.

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